In the Abstract:

Following the claims, please add the abstract as follows:

—Abstract of the Disclosure

The invention relates to methods for scheduling at least one out of K transmission channels k with respective $N_{t,k}$ transmission interfaces and respective $N_{r,k}$ reception interfaces for the transmission of data symbols that are matrix or vector modulated, the method comprising calculating a respective Channel Quality Indicator (CQI) q_k for at least one of the K transmission channels, and scheduling at least one of the K transmission channels for the transmission of the matrix or vector modulated data symbols, wherein the scheduling is at least partially based on the calculated CQIs q_k. The invention further relates to devices, transmitting stations, wireless communication systems, computer programs and computer program products.

For publication: Fig. 8--